

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	Tuner near3 command near3 microcontroller	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:47
S2	406	Tuner near module	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:48
S3	1	S1 and S2	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:48
S4	845	725/151	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:48
S5	1186	725/131	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:49
S6	821	725/139	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:49
S7	910	725/100	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:49
S8	9	S2 and S4	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:51
S9	14	S2 and S5	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:52
S10	6	S2 and S6	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:53
S11	8	S2 and S7	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:54
S12	0	S2 and @ad< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 15:57
S13	233	S2 and @ay< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:07
S14	297	(Multiple tuners)and @ay< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:20
S15	0	external near control near interface near (multiple tuners)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:21
S16	465	external near control near interface	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:22
S17	0	S14 and S16	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:22
S18	263	S16 and @ay< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:24
S19	0	S2 and S18	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:24
S20	0	S2 and S18	US-PGPUB; USPAT	OR	ON	2007/09/11 16:24

S21	70	RaKib.IN.	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:28
S22	25	multi-tuner receiver	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:37
S23	7	(multi-tuner receiver) and microcontroller	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:39
S24	6	(multi-tuner receiver) and protocol	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:41
S25	5	(multi-tuner receiver) and protocol and microcontroller	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:42
S26	0	(multi-tuner receiver) and protocol and microcontroller and (graphic controller)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:42
S27	0	(multi-tuner receiver) and protocol and (graphic controller)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:43
S28	0	(multi-tuner receiver) near3 protocol near3 (graphic controller)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:43
S29	1855	Media center	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:43
S30	21	S29 and graphic controller	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:47
S31	31	Multiplexer and multi-tuners	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:48
S32	14	S31 and @ay< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:51
S33	0	S31 and (I/O interface) and @ay< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:51
S34	2	S29 and (I/O interface) and @ay< "2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:52
S35	0	(Media center) and (multi- tuners receiver)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:53
S36	0	(Media center) adj (multi- tuners receiver)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:53
S37	2337	(Media center) adj (multi- tuners receiver)	US-PGPUB; USPAT	OR	ON	2007/09/11 16:54
S38	1556	S37 and @ay< "2003"	US-PGPUB; USPAT	OR	ON	2007/09/11 16:54
S39	0	S38 and S31	US-PGPUB; USPAT	OR	ON	2007/09/11 16:55
S40	0	S38 and S31	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:55
S41	0	S38 and S2	US-PGPUB; USPAT	ADJ	ON	2007/09/11 16:55
S42	0	("2004/0102155").URPN.	USPAT	ADJ	ON	2007/09/11 16:57

S43	3	("5933192"   "6118498"   "6334217").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 16:59
S44	3	("5933192"   "6118498"   "6334217").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 16:59
S45	7	("6519011").URPN.	USPAT	ADJ	ON	2007/09/11 16:59
S46	14	("6334217").URPN.	USPAT	ADJ	ON	2007/09/11 17:00
S47	8	("5250933"   "5585865"   "5604543"   "5900916"   "5933192"   "5959659"   "5973748"   "Re34340").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 17:01
S48	22	("20010022631"   "20020067438"   "20030053562"   "20030091115"   "20030226153"   "20040001500"   "20040111741"   "20040189879"   "20050273830"   "5594492"   "5933192"   "6016172"   "6118498"   "6334217"   "6519011"   "6542203"   "6591013"   "6714264"   "6714776"   "6804824"   "6927806"   "6985188").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 17:08
S49	0	("7142255").URPN.	USPAT	ADJ	ON	2007/09/11 17:08
S55	21	(Graphic controller) and (Media center)	US-PGPUB; USPAT	ADJ	ON	2007/09/12 08:57
S56	10	S55 and tuners	US-PGPUB; USPAT	ADJ	ON	2007/09/12 08:58
S57	12650	709/223	US-PGPUB; USPAT	ADJ	ON	2007/09/12 08:59
S58	123752	"455"/\$	US-PGPUB; USPAT	ADJ	ON	2007/09/12 08:59
S59	1476	S57 and S58	US-PGPUB; USPAT	ADJ	ON	2007/09/12 08:59
S60	1270	S59 and @ay<"2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/12 09:00
S61	21	S60 and media (center or server)	US-PGPUB; USPAT	ADJ	ON	2007/09/12 09:37
S62	26	Tuner near3 module near3 controller	US-PGPUB; USPAT	ADJ	ON	2007/09/12 09:51
S63	14	S62 and @ay<"2003"	US-PGPUB; USPAT	ADJ	ON	2007/09/12 09:51
S64	2	"20050172332"	US-PGPUB; USPAT; FPPS; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 16:44

S65	3	"20010034205"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 11:13
S66	2	"20040030929"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 11:14
S67	223	(tuner\$1 and microprocessor and graphic controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 11:17
S68	0	S67 and (tune module)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 11:17
S69	0	S67 and (tune adj1 module)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 11:17
S70	93	S67 and @riad< "20030923"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 11:18
S71	2	"6721832"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 15:04
S72	57	725/39-61.cds. and (command\$1 or request\$3 channel\$1 near4 chang\$3) with (format\$1 protocol\$1) with (translat\$3 convert\$3 conversion) and (tuner\$1 (dual multiple multi) adj tuner)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/02/16 11:48
S73	14	S72 and @riad< "20030923"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/02/16 11:48
S74	7	"725"/\$.cds. and stecyk.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/02/16 11:49
S75	3	"20020171624"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/16 13:11
S76	0	wyatt.in. and (graphic near2 controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/19 13:52

S77	2	wyatt.in. and "725"/\$.cls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/19 13:52
S78	4	"7114168"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/04/19 13:56
S79	4	"7,009,528"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/11/11 16:51

11/ 14/ 2011 11:56:43 AM

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TUNER MODULE UTILIZING DEVICE-SPECIFIC CONTROLLER.wsp